USER MANUAL

DVI-D Extender over single CAT6

1、Introduction

Used for a pair extension of this DVI CAT 6 cable to extend HD signal up to 60 meters, and can achieve 1080P, which not only broke the DVI cable transmission length limitations, but also more convenient and flexible, the majority of customers are more cost savings. The production equipment company providing solutions for the following applications: such as noise, limited transmission distance and safety of the place, data center control, information distribution, conference room presentations and teaching environment and corporate training sites.

Our devices offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

2、FEATURES

1. Support DVI - D digital signal
2. HDCP 1.2 protocol compliant
3. Study EDID function，Support 3D
4. Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
5. Signal transmission: Single cat-6e or cat-6(recommended) cable up to 60 meters
6. Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
7. Audio format support : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
8. No loss of quality

2、SPECIFICATIONS

Length of CAT6 cable between Rx and TX	Up to 60 meters
HDMI Input	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format output	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max transmission bandwidth	5.1Gbps
Input Video signal	0.5~1.5Volts p-p
Output DDC signal	5Volts p-p (TTL)
Max working current	400mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1 A
Operating Temperature range	(-15 to +55℃)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	72X69X25 (mm)
Weight	0.37Kg
Gross weight	0.64kg
Box Dimension(LXWXH)	250X220X60(mm)

3、Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit No. 1 Sender
2) Main unit No. 2 Receiver

3) Two pieces of 5V DC Power Supply.

4) User's Manual

4、 CONNECTING AND OPERATING

1. Connect one DVI 1.3 cable up to 20 meters between source device and TX Extender.
2. Connect one DVI 1.3 cable up to 20 meters between sink device and RX Extender
3. Connect single cat6 or cat-6(recommended) cables up to 60 meters instead of DVI cable between TX and RX Extender
4. Connect 5V power supply to the DVI CAT60RX&TX Extender
5. Learning EDID, the display device connected to the TX, long press for 3 seconds EDID, status indicator light flashing, copy is complete, (note: if there is no access to display devices, will restore the system default EDID)